

DIFFERENTIAL GEOMETRY/PDE SEMINAR

WEDNESDAY, DECEMBER 2, 2009

PADELFORD C-36

4PM–5PM

Wave equations on asymptotically de Sitter spaces

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The de Sitter spacetime is an expanding model of the universe. In this talk I will describe the fundamental solution of the wave and Klein-Gordon equations on asymptotically de Sitter spaces and use this description to prove Strichartz estimates for these equations.

For more information about this seminar, visit the DG/PDE Seminar Web page (from the Math Department home page, www.math.washington.edu, follow the link **Seminars, Colloquia, and Conferences**).

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